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Attorney's Docket No. ASMMC.030AUS

DECLARATION AND POWER OF ATTORNEY- USA PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled ALD REACTOR AND METHOD WITH CONTROLLED WALL TEMPERATURE; the specification of which is attached hereto;

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

POWER OF ATTORNEY: I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Niklas Bondestam**

Inventor's signature 

Date March 5, 2001

Residence: **Helsinki, FINLAND**

Citizenship: **Finland**

Post Office Address: **Haahkakuja 1B 25, FIN-00200, Helsinki, Finland**

Full name of second inventor: **Sven Lindfors**

Inventor's signature S. Lindfor

Date March 5, 2001

Residence: Espoo, FINLAND

Citizenship: Finland

Post Office Address: Nuottamiehentie 8, FIN-02230, Espoo, Finland

Send Correspondence To:
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Bondestam et al.)
)
App. No. :	Unknown)
)
Filed :	Herewith)
)
For :	ALD REACTOR AND METHOD)
	WITH CONTROLLED WALL)
	TEMPERATURE)
)
Examiner :	Unknown)
)

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and

App. No. : Unknown
Filed : Herewith

revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

ASM MICROCHEMISTRY OY

Dated: 05.03.2001

By: Matti Ervasti
Matti Ervasti
Title: Managing Director

Address: Kutojantie 2B, 02630 Espoo, FINLAND

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Application No.: Unknown
Filing Date: Herewith

PATENT

COPY
- DO NOT RECORD -Client Code: ASMMC.030AUS
Page 1**ASSIGNMENT**

WHEREAS, We, Niklas Bondestam, a citizen of Finland, residing at Helsinki, Finland, and Sven Lindfors, a citizen of Finland, residing at Espoo, Finland, have invented certain new and useful improvements in a ALD REACTOR AND METHOD WITH CONTROLLED WALL TEMPERATURE for which we have executed an application for Letters Patent in the United States, herewith;

AND WHEREAS, ASM MICROCHEMISTRY OY (hereinafter "ASSIGNEE"), with its principal place of business at Kutojantie 2 B, FIN-02630, Espoo, FINLAND, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

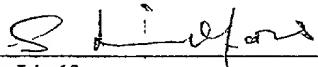
NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of March, 2001.


Niklas Bondestam

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of March, 2001.


Sven Lindfors